

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IB2005/050499

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02F1/167

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 931 019 A (PARK ET AL) 5 June 1990 (1990-06-05) column 4, line 26 - line 42	9-11
Y	PATENT ABSTRACTS OF JAPAN vol. 014, no. 484 (P-1120), 22 October 1990 (1990-10-22) & JP 02 196227 A (TOYOTA MOTOR CORP), 2 August 1990 (1990-08-02) abstract	1-6, 8-20
Y	EP 0 395 113 A (SEIKO INSTRUMENTS INC) 31 October 1990 (1990-10-31) abstract; figure 1	1-6, 8-20

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

29 March 2005

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18/04/2005

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4931019	A	05-06-1990	DE 3927348 A1 GB 2222804 A , B JP 2120786 A	08-03-1990 21-03-1990 08-05-1990
JP 02196227	A	02-08-1990	NONE	
EP 0395113	A	31-10-1990	JP 2285325 A EP 0395113 A2	22-11-1990 31-10-1990